

1200

31204665.i SAAATTADBLKYEYDLDDEGQRILLKGTYSVAYAARDLTQVKIAKEVWERNTHDVQPLHEEIKHLSQLRHNIVQ...
 24648284.f SNDD...ANIEYYEYDYDEONRMKVLKGTYSVAYAARDKOTOPVTRIAIKEV...
 32563802.w VLSNPDNKRFKFEYELNSNVRVLLKGTYGVYAA...
 6678796.m DGCCEPDSHEYYDYEYDENGD...
 MAP3K5.h EGCCEPDSHEYYDYEYDENGD...
 MAP3K7.h EGCBDTDLLEYDYEYDENGD...
 33186928.m EASGARVLEEDYKEYSETGERLVL...
 34871782.m EAGTGTLEFVEEYSETGERLVL...
 MAP3K6.h EAGCABEMLDFEYDEVETGERLVL...
 1f3m_Paka TRFEKKISOCASCVYTAMDWAT...
 38073358.m DHCVGYREIRTPSGRVVVNCQSSDRDCS...
 34879709.m EHRVYHEICAPS...
 MAP3K8.h ENTYVYREICSAPSGR...

1210 1220 1230 1240 1250 1260 1270 1280 1290 1300 1310 1320 1330 1340 1350 1360 1370 1380 1390

31204665.i QGRGYC...
 24648284.f QGRGYC...
 32563802.w QGRGYC...
 6678796.m KGRGYC...
 MAP3K5.h KGRGYC...
 MAP3K7.h KGRGYC...
 33186928.m QGRGYC...
 34871782.m QGRGYC...
 MAP3K6.h KGRGYC...
 1f3m_Paka RPKAYVSKVDI...
 38073358.m SKVNSPK...
 34879709.m SKVNSPK...
 MAP3K8.h SNKVYQQE...

1400

31204665.i CTTVEMATECPFPFV...
 24648284.f CTTVEMATECPFPFV...
 32563802.w CTTVEMATECPFPFV...
 6678796.m CTTVEMATECPFPFV...
 MAP3K5.h CTTVEMATECPFPFV...
 MAP3K7.h CTTVEMATECPFPFV...
 33186928.m CTTVEMATECPFPFV...
 34871782.m CTTVEMATECPFPFV...
 MAP3K6.h CTTVEMATECPFPFV...
 1f3m_Paka RPKAYVSKVDI...
 38073358.m SKVNSPK...
 34879709.m SKVNSPK...
 MAP3K8.h SNKVYQQE...

1410 1420 1430 1440 1450 1460 1470 1480 1490 1500 1510 1520 1530 1540 1550 1560 1570 1580 1590

31204665.i QTSTV...
 24648284.f LPSNQ...
 32563802.w QGSAT...
 6678796.m GKGIR...
 MAP3K5.h VKGIR...
 MAP3K7.h TLFEGIP...
 33186928.m SQ...
 34871782.m SQ...
 MAP3K6.h SQ...
 1f3m_Paka 38073358.m TDVKLQR...
 34879709.m TDVKLQR...
 MAP3K8.h TKVKIQR...

1600

31204665.i FQLNRSS...
 24648284.f FM...
 32563802.w H...
 6678796.m H...
 MAP3K5.h H...
 MAP3K7.h H...
 33186928.m H...
 34871782.m H...
 MAP3K6.h H...
 1f3m_Paka 38073358.m CINGFLRYD...
 34879709.m CINGFLRYD...
 MAP3K8.h HSSGLRLIYD...

1610 1620 1630 1640 1650 1660 1670 1680 1690 1700 1710 1720 1730 1740 1750 1760 1770 1780 1790

31204665.i LGANLACN...
 24648284.f APNDE...
 32563802.w L...
 6678796.m L...
 MAP3K5.h L...
 MAP3K7.h L...
 33186928.m SEKKAVSE...
 34871782.m SEKKAVSE...
 MAP3K6.h SEKKAVSE...
 1f3m_Paka 38073358.m PEMVFCKY...
 34879709.m PEMVFCKY...
 MAP3K8.h PEMVFCKY...

1800

31204665.i ...
 24648284.f ...
 32563802.w ...
 6678796.m ...
 MAP3K5.h ...
 MAP3K7.h ...
 33186928.m ...
 34871782.m ...
 MAP3K6.h ...
 1f3m_Paka ...
 38073358.m ...
 34879709.m ...
 MAP3K8.h ...

1810 1820 1830 1840 1850 1860 1870 1880

31204665.i LMRLGDRV...
 24648284.f ...
 32563802.w ...
 6678796.m ...
 MAP3K5.h ...
 MAP3K7.h ...
 33186928.m ...
 34871782.m ...
 MAP3K6.h ...
 1f3m_Paka ...
 38073358.m ...
 34879709.m ...
 MAP3K8.h ...